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RECORDS OF THE QUEEN VICTORIA MUSEUM,
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A List of the Crustacea of Tasmania

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The literature describing and recording the Tasmanian Crustacea is not only extensive but also scattered. It is difficult to obtain a list of the species of a family in which a worker is interested and it is still more difficult to obtain the necessary references to these families. With a view to diminishing these difficulties the following list has been compiled. This paper is the second of a series on the Tasmanian marine fauna. The first deal with the Porifera (Guiler, 1950) and appeared in this journal.

These records have been compiled from as much of the literature as I have been able to trace. A certain number of new records make their first appearance and some authors have been so kind as to include records to unpublished species. The labelled specimens in museums have also been included.

I am indebted to the following for assistance in the collection of the records: Mr. L. Crawford, B.Sc., of the Queen Victoria Museum, Launceston for a list of the species preserved in that Museum; Prof. V. V. Hickman for additions to the literature; Mr. H. M. Hale of the South Australian Museum, Adelaide for literature additions; Mr. E. F. Riek, Division of Entomology, C.S.I.R.O., Canberra for suggestions and M.S. additions. In particular, I must thank Mr. K. Sheard, M.Sc., C.S.I.R.O., Perth, W.A., for numerous additions to the literature and also for completely revising the synonymy of the Amphipoda. Mr. F. A. McNeill of the Australian Museum, Sydney, very kindly assisted me with the synonymy of the Decapoda.

The species are recorded with the original description, locality and the name of author and the publication in which the record appeared.

Class BRANCHIOPODA

Order NOTOSTRACA

Family APODIDAE

<i>Lepidurus viridis</i> Baird, 1850	Van Diemen's Land Tasmania Bridgewater King's Meadows 1941, 1942 Evandale 1946 Royal Park 1934	Baird, 1850. Sayee, 1903. Smith, 1909. Queen Victoria Museum, Launceston
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Order CONCHOSTRACA

Family DAPHNIDAE

<i>Ceriodaphnia hakea</i> Smith, 1909	Lake St. Clair	Smith, 1909.
<i>planifrons</i> Smith, 1909	Lake Sorell	Powell, 1946.
<i>Simocephalus dulvertonensis</i> Smith, 1909	Lake St. Clair Great Lake and Lake Dulverton	Smith, 1909.
<i>australiensis</i> Dana, 1852	Ponds and puddles	Smith, 1909.
<i>Daphnia carinata</i> King, 1853	Plenty	Smith, 1909.

Family BOSMINIDAE

<i>Bosmina rotunda</i> Smith, 1909	Lake St. Clair	Smith, 1909.
<i>brevirostris</i> Smith, 1909	Lake St. Clair	Powell, 1946.
<i>sorelli</i> Smith, 1909	Lake Sorell Lake St. Clair	Smith, 1909.

Family LYNCEIDAE

<i>Alonella nasuta</i> Smith, 1909	Lake Dulverton	Smith, 1909.
<i>propinqua</i> Smith, 1909	Fresh water Lagoon at Adventure Bay	Smith, 1909.

Family LYNCODAPHNIDAE

<i>Macrothrix burstalis</i> Smith, 1909	Lake Dulverton	Smith, 1909.
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REFERENCES

- BAIRD, W., 1850.—*Proc. Zool. Soc. Lond.* XVIII, 1850, pp. 254-7.
 DANA, J. D., 1852.—*U.S. Explor. Exp.* Vol. XIII. Pt. 2. 1852.
 KING, R. L., 1853.—On some species of Daphniidae found in N.S.W. *Proc. Roy. Soc. Tasm.* 1853, pp. 243-52.
 POWELL, A. G., 1946.—Ecology of the freshwater fauna of Lake St. Clair, particularly the Copepoda, with special reference to diurnal and seasonal variations in conditions. *Proc. Roy. Soc. Tasm.* 1945 (1946), pp. 63-127.
 SAYCE, O. A., 1903.—The Phyllopoda of Australia. *Proc. Roy. Soc. Vict.* XV. 2. 1903, pp. 224-61.
 SMITH, G. W., 1909.—Freshwater Crustacea of Tasmania. *Trans. Linn. Soc. XI.* 4. 1909, pp. 61-92.

Class OSTRACODA

Order MYODOCOPA

Family HALOCYPRIDAE

<i>Conchocea borealis</i> G. O. Sars, 1865	Off Maria Island	Brady, 1918.
<i>serrulata</i> Claus, 1874	Off Maria Island	Brady, 1918.
<i>hettacra</i> Muller, 1906	Off Maria Island	Brady, 1918.

Order PODOCOPA

Family CYPRIDAE

<i>Argilloecia gracilior</i> Chapman, 1910	East of Tasmania	Chapman, 1915.
<i>Pontocypris attenuata</i> Brady, 1868	East of Tasmania	Chapman, 1915.
<i>faba</i> (Reuss), 1855	Off East Moncoeur Is.	Brady, 1880.
<i>subreniformis</i> Brady, 1880	East of Tasmania	Chapman, 1915.
<i>Macrocypris maculata</i> Brady, 1865	Off East Moncoeur Is.	Brady, 1880.
<i>decora</i> Brady, 1865	East of Tasmania	Chapman, 1915.
<i>gracilis</i> Chapman, 1915	East of Tasmania	Chapman, 1915.
<i>Aglaia pusilla</i> Brady, 1880	Off East Moncoeur Is.	Brady, 1880.

Family BAIRDIIDAE

<i>Bythocypris reniformis</i> Brady, 1880	Off East Moncoeur Is.	Brady, 1880.
<i>Bairdia villosa</i> Brady, 1880	Off East Moncoeur Is.	Brady, 1880.
<i>amygdaloides</i> Brady, 1865	Off East Moncoeur Is.	Brady, 1880.
<i>foveolata</i> Brady, 1867	East of Tasmania	Chapman, 1915.
<i>victrix</i> Brady, 1867	Off East Moncoeur Is.	Brady, 1880.
<i>angulata</i> Brady, 1867	Off East Moncoeur Is.	Brady, 1880.
<i>fusca</i> Brady, 1865	East of Tasmania	Chapman, 1915.
<i>woodwardiana</i> Brady, 1880	East of Tasmania	Chapman, 1915.

Family CYTHERIDAE

<i>Cythere canaliculata</i> (Reuss), 1850	Off East Moncoeur Is.	Brady, 1880.
<i>eancellata</i> Brady, 1867	East of Tasmania	Chapman, 1915.
<i>cyptheropterodes</i> Brady, 1880	East of Tasmania	Chapman, 1915.
<i>dictyon</i> Brady, 1880	East of Tasmania	Chapman, 1915.
<i>foveolata</i> Brady, 1880	South of Tasmania	Chapman, 1919.
<i>kerguelensis</i> Brady, 1880	East of Tasmania	Chapman, 1915.
<i>lepralioides</i> Brady, 1880	East of Tasmania	Chapman, 1915.
<i>pectunculata</i> Chapman, 1902	East of Tasmania	Chapman, 1915.
<i>obtusalata</i> Brady, 1880	Off East Moncoeur Is.	Brady, 1880.
<i>quadriaculeata</i> Brady, 1880	East of Tasmania	Chapman, 1915.
<i>rostromarginata</i> Brady, 1880	Off East Moncoeur Is.	Brady, 1880.
<i>scabrocuncata</i> Brady, 1880	Off East Moncoeur Is.	Brady, 1880.
<i>sweeti</i> Chapman, 1910	East of Tasmania	Chapman, 1915.
	East of Tasmania	Chapman, 1915.

<i>Cytheropteron abyssorum</i> Brady, 1880		South of Tasmania	Chapman, 1919.
	<i>coccooides</i> Brady, 1890	East of Tasmania	Chapman, 1915.
	<i>dannevigi</i> Chapman, 1915	East of Tasmania	Chapman, 1915.
	<i>fimbriatum</i> Chapman, 1915	East of Tasmania	Chapman, 1915.
<i>Cytherura cryptifera</i> Brady, 1880		Off East Moncoeur Is.	Brady, 1880.
	<i>tenuicosta</i> Chapman, 1910	East of Tasmania	Chapman, 1915.
<i>Xestolebris davidianna</i> Chapman, 1915		East of Tasmania	Chapman, 1915.
	<i>granulosa</i> Brady, 1880	South of Tasmania	Chapman, 1915.
	<i>nana</i> Brady, 1880	Off East Moncoeur Is.	Brady, 1880.
<i>Krithe producta</i> Brady, 1880		East of Tasmania	Chapman, 1915.
<i>Loxonconcha australis</i> Brady, 1880		East of Tasmania	Chapman, 1915.
<i>Bythocythere retiolata</i> Chapman, 1910		East of Tasmania	Chapman, 1915.
	<i>velifera</i> Brady, 1880	East of Tasmania	Chapman, 1915.
<i>Pseudocythere cundata</i> Sars, 1865		East of Tasmania	Chapman, 1915.
<i>Sclerochilus contortus</i> Norman, 1862		East of Tasmania	Chapman, 1915.

Family CYTHERELLIDAE

Cutherella cavernosa Brady, 1867 Off East Moncoeur Is. Brady, 1880

REFERENCES

- BRADY, G. S., 1865.—On new or imperfectly known species of Marine Ostracoda. *Trans. Zool. Soc.* 5. 1865, p. 359.

_____, 1867.—*Les fonds de la mer*. Tome 1. 1867.

_____, 1868.—Contributions to the study of the Entomostraca. *Ann. Mag. Nat. Hist.* 4. 2. 1868, pp. 30-35.

_____, 1878.—Ostracoda of the Antwerp Crag. *Trans. Zool. Soc.* X. 1878, pp. 379-409.

_____, 1880.—Report on the Ostracoda dredged by H.M.S. Challenger. *Scien. Repts.* 1. 3. 1880.

_____, 1890.—*Trans. Roy. Soc. Edinb.* 35. 2. 14. 1890.

_____, 1918.—*Austr. Antarct. Exp. Sci. Rep. Ser. C.* V. 4. 1918. *Cladocera and Halocypridae*.

CHAPMAN, F., 1902.—On some Ostracoda from Funafuti. *J. Linn. Soc.* 28. 1902, pp. 1-27.

_____, 1910.—On the Foraminifera and Ostracoda from soundings round Funafuti. *J. Linn. Soc.* 30, 1910, pp. 385-444.

_____, 1915.—Report on the Ostracoda obtained by the F.I.S. Endeavour. *Biol. Res.* 3. 1. 1915.

_____, 1919.—*Austr. Antarct. Exp. Sci. Rep. Ser. C.* V. 7. 1919.

CLAUS, C., 1874.—Die Familie der Halocypriden Tf. 1 and 2.

MULLER, G. W., 1906.—*Ostracoda de deutschen Tiefsee Trop. auf. der Dampfer Valdivia* 1906. Taf. XXII and XXIII.

NORMAN, A. M., 1862.—Contributions to British Carcinology II. *Ann. Mag. Hist.* III. 9. 1862. pp. 43-51.

REUSS, A. E., VON, 1850.—*Haidenger's Abhand.* Bd. III. 1850.

_____, 1855.—Ein Beitrag zur genaueren Kenntniss der Kreidegebilde Meklenburgs. *Zeitschr. d. deutsch. Geol. Ges.* 1855, p. 278.

SARS, G. O., 1865.—*Oversigt af Norges marine Ostracoda*. 1865.

Class COPEPODA

Family DIAPATOMIDAE

<i>Boeckella insignis</i> Smith, 1909	Lake Dulverton	Smith, 1909.
<i>longisctosa</i> Smith, 1909	Lake St. Clair and Lake Sorell	Smith, 1909.
<i>rubra</i> Smith, 1909	Lake St. Clair Tarns in Hartz Mts. and Mt. Read	Powell, 1946. Smith, 1909.
<i>robusta</i> Sars, 1896	Fresh water, Sandy Bay and Cascades	Smith, 1909.
<i>Brunella tasmanica</i> Smith, 1909	Fresh water lagoon, Adventure Bay	Smith, 1909.

Family CYCLOPIDAE

<i>Cyclops albicans</i> Smith, 1909	Great Lake and ponds elsewhere	Smith, 1909.
<i>dulvertonensis</i> Smith, 1909	?Lake St. Clair Lake Dulverton	Powell, 1946. Smith, 1909.

Family CALANIDAE

<i>Calanus finmarchicus</i> (Sars), 1903	Tasmania	Dakin and Colefax, 1940.
<i>propinquus</i> Brady, 1883	Maria Island	Brady, 1918.
<i>tonus</i> Brady, 1883	Maria Island	Brady, 1918.
<i>aculeatus</i> Brady, 1918	Maria Island	Brady, 1918.
<i>Diarthropus torticornis</i> Brady, 1918	Maria Island	Brady, 1918.

Family PARCALANIDAE

<i>Paracalanus mariac</i> Brady, 1918	Maria Island	Brady, 1918.
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Family PSEUDOCALANIDAE

<i>Clausocalanus furcatus</i> (Brady), 1883	Maria Island	Brady, 1918.
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Family OITHONIDAE

<i>Oithona frigida</i> Giesbrecht, 1902	Maria Island	Brady, 1918.
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Family METRIDIIDAE

<i>Metridia gerlachei</i> Giesbrecht, 1902	Maria Island	Brady, 1918.
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Family AETIDEIDAE

<i>Gaetanus antarticus</i> Brady, 1918	Maria Island	Brady, 1918.
<i>Paraeuchaeta antarctica</i> Giesbrecht 1902	Maria Island	Brady, 1918.

REFERENCES

- BRADY, G. S., 1883.—Report on the Copepoda dredged by H.M.S. Challenger. *Sci. Rep.* VIII. 1. 1883.
_____, 1918.—Austr. Antarct. Exp. 1911-14. *Sci. Rep. Ser. C. V.* 3. Copepoda. 1918.
DAKIN, W. J. & COLEFAX, A. N., 1940.—The plankton of the Australian coastal waters off N.S.W., Pt. I. *Bull. Univ. Sydney. Monogr.* 1. 1940.
GIESBRECHT, W., 1902.—'Copepoden' in *Résultats du voyage du S.Y. Belgica*.
POWELL, A. G., 1946.—Ecology of the freshwater fauna of Lake St. Clair, particularly the Copepoda, with special reference to diurnal and seasonal variations in conditions. *Jap. Roy. Soc. Tasm.* 1945 (1946), pp. 63-127.
SARS, G. O., 1896.—*Arkiv. fur. Math. og Naturvid.* XVIII. 1896.
_____, 1903.—*Crustacea of Norway.* VI. Copepoda Calanoidae.
SMITH, G. W., 1909.—Fresh-water crustaceans of Tasmania. *Trans. Linn. Soc. XI.* 4. pp. 61-92.

Class CIRRIPEDIA

Order THORACICA

Family LEPADIDAE

<i>Ibla quadrivalvis</i> Cuvier, 1817	Blackman's Bay Dodge's Ferry	Guiler, 1950.
<i>Lepas anatifera</i> Linnaeus, 1767	Van Diemen's Land	Darwin, 1851.
<i>australis</i> Darwin, 1854	Driftwood, Eaglehawk Neck	December, 1949.
	Bass Strait and Van Diemen's Land	Darwin, 1851.
<i>anserifera</i> Linnaeus, 1767	On <i>Janthina</i> , Eaglehawk Neck	March, 1951.
<i>Sealpellum peronii</i> (Gray), 1825	Bass Strait	Hoek, 1883.

Family BALANIDAE

<i>Balanus trigonus</i> Darwin, 1854	Blackman's Bay	Jan. 1951.
<i>Tetraclita purpurascens</i> (Wood), 1815	Tasmania	Darwin, 1854.
	Tasmania	Hoek, 1883.
	Blackman's Bay	Guiler, 1950.
	East Coast	Guiler, 1951a.
<i>Elminius modestus</i> Darwin, 1854	Tasmania	Darwin, 1854.
	Tasmania	Hoek, 1883.
	Brown's River	Moore, 1944.
	Blackman's Bay	Guiler, 1950.
	Pipe Clay Lagoon	Guiler, 1951b.
<i>simplex</i> Darwin, 1854	Tasmania	Darwin, 1854.
	Tasmania	Hoek, 1883.
	Sleepy Bay	Guiler, 1951a.

Family CHTHAMALIDAE

<i>Chthamalus antennatus</i> Darwin, 1854	Hobart	Darwin, 1854.
	Tasmania	Hoek, 1883.
	Blackman's Bay	Guiler, 1950.
	Brown's River	Moore, 1944.
	Blackman's River	Moore, 1944.
	Coles Bay	Guiler, 1951a.
	Pipe Clay Lagoon	Guiler, 1951b.
<i>Chamaesipho eolumna</i> (Spengler), 1790	Tasmania	Darwin, 1854.
	Tasmania	Hoek, 1883.
	Blackman's Bay	Guiler, 1950.
<i>Catophragmus polymerus</i> Darwin, 1854	Blackman's Bay	Guiler, 1950.
	Generally distributed in wave exposed places on the East and North coasts	

REFERENCES

- CUVIER, C., 1817.—*Mém. pour servir . . . Mollusq.* 1817.
- DARWIN, C., 1851.—Monograph of the Sub-Class Cirripedia. Vol. I. *Roy. Soc. Lond.* 1851.
- , 1854.—Monograph of the Sub-Class Cirripedia. Vol. II. *Roy. Soc. Lond.* 1854.
- GRAY, J. E., 1825.—*Ann. of Philosoph.* N.S. tome X. 1825.
- GUILER, E. R., 1950.—The intertidal ecology of Tasmania. *Pap. Roy. Soc. Tasm.* 1949 (1950), pp. 135-201.
- , 1951a.—Notes on the intertidal ecology of Freycinet Peninsula. *Pap. Roy. Soc. Tasm.* 1950 (1951), pp. 53-70.
- , 1951b.—The intertidal ecology of Pipe Clay Lagoon. *Pap. Roy. Soc. Tasm.* 1950 (1951), pp. 29-52.
- HOEK, P. P. C., 1883.—Report on the Cirripedia collected by H.M.S. Challenger. *Scien. Repts.* VIII. 3. 1883.
- LINNAEUS, 1767.—*Syst. Naturae* 1767.
- MOORE, L. B., 1944.—Some intertidal sessile barnacles of N.Z. *Trans. & Proc. Roy. Soc. N.Z.* 73, 4. 1944, pp. 315-34.
- SPENGLER, L., 1790.—*Skrivter af Naturhistorie-Selskabet.* Bd. 1. pp. 158-212.
- WOOD, W., 1815.—*General Conchology*, 1815.

Class MALACOSTRACA

Sub-class Syncarida

<i>Anaspides tasmaniæ</i> (Thomson), 1893	Mt. Wellington; Mt. Read; Hartz Mts.	Thomson, 1893.
	? Creeks, Lake St. Clair	Powell, 1946.
	Creeks, Great Lake, 1948,	All specimens
	Fury Gorge, Cradle	in Launeeston
	Mt., 1947, New Town	Museum.
	Creek, 1949, French-	
	man's Cap, 1948, Tarn	
	between Lady Lake	
	and Lake Balmoral, W.	
	Tiers, 1949, Meander	
	Falls, 1947	
<i>Paranaspides lacustris</i> Smith, 1909	Great Lake	Smith, 1909.
	Absent from Great Lake	Manton, 1929.
	The species is now	Nicholls, 1947.
	abundant in the lake	
	Gt. Lake, trout stomach	1940, Launees- ton Museum.
	Gt. Lake, trout stomach	Evans, 1942.
<i>Micraspides calmani</i> Nieholls, 1931	Muddy water below	Nieholls, 1931.
	<i>Sphagnum</i> , burrows of	
	<i>Engaeus</i> near Queens-	
	town and Heemskirk,	
	West Coast	
	Mt. Lyell	Nieholls, 1947.

REFERENCES

- EVANS, G. W., 1942.—The food of trout in Tasmania. *Tas. Salmon and Freshwater Fisheries Commission*, 1942.
- MANTON, S. M., 1929.—On the habits of some Tasmanian crustacea. *Viet. Nat.* 45, 1929, pp. 298-300.
- NICHOLLS, G. E., 1931.—A new syncaridan from the west coast of Tasmania. *J. Linn. Soc. XXXVII. Zool.* 254, 1931, pp. 473-88.
- , 1947.—On the Tasmanian Syncarida. *Rec. Queen Viet. Mus.* II. 1, pp. 9-16.
- POWELL, A. W., 1946.—Ecology of the freshwater fauna of Lake St. Clair, particularly the Copepoda, with special reference to diurnal and seasonal variations in conditions. *Pap. Roy. Soc. Tasm.* 1945 (1946), pp. 63-127.
- SMITH, G. W., 1909.—The freshwater crustacea of Tasmania. *Trans. Linn. Soc.* XI. 4, 1909, pp. 61-92.
- THOMPSON, G. M., 1893.—Notes on Tasmanian crustacea with descriptions of new species. *Pap. Roy. Soc. Tasm.* 1892 (1893), pp. 45-76.

Sub-class Hoplocarida

<i>Squilla miles</i> (Hess), 1865	Dredged D'Entrecasteaux Channel	January, 1949.
	Lady Barron Island	1943, Launceston Museum.

REFERENCE

HESS, W., 1865.—*Archiv. f. Nat.* XXXI, 1865.

Sub-class Peracarida

Order MYSIDACEA

<i>Heteromysis tasmanica</i> Tattersall, 1926	Tasmania	Tasmania, 1926.
<i>Paranchialina angusta</i> (Sars), 1887	N.E. Tasmania	Sheard, MS.
<i>Pseudomma australe</i> Sars, 1887	N.E. Tasmania	Sheard, MS.

REFERENCES

- SARS, G. O., 1887.—Report on the Schizopoda collected by H.M.S. Challenger. *Scienc. Repts.* XIII. 3. 1887.
- TATTERSALL, W., 1926.—Australian Opossum Shrimps (Mysidacea). *Rec. S. Austr. Mus.* III. 3. 1926, pp. 235-58.

Order CUMACEA

Family DIASTYLIDAE

<i>Dimorphostylis subaculeata</i> Hale, 1945a.	Marion Bay	Hale, 1945a.
<i>tasmanica</i> Hale, 1945a	Babel Island	Hale, 1945a.
<i>Anchistylis similis</i> Hale, 1945a	St. Helen's Point	Hale, 1945a.
<i>Gynodiastylis robusta</i> Hale, 1946a	Babel Island	Hale, 1946a.
<i>roscida</i> Hale, 1946a	Marion Bay	Hale, 1946a.
<i>strumosa</i> Hale, 1946a	Babel Island	Hale, 1946a.
<i>coneava</i> Hale, 1946a	Babel Island	Hale, 1946a.
<i>tumida</i> Hale, 1946a	Kettering	Hale, 1946a.
<i>Anchicolurus waitei</i> Hale, 1928	Wynyard	Hale, 1928.
<i>Zimmeriana lasiodactyla</i> (Zimmer), See Hale 1936 and 1946a	Wynyard	Hale 1936 and 1946a.

Family LAMPROPIDAE

<i>Hemilamprops lala</i> Hale, 1946b	Babel Island	Hale, 1946b.
<i>diveisa</i> Hale, 1946b	Marion Bay	Hale, 1946b.

Family BODOTRIIDAE

<i>Iphinoe pellucida</i> Hale, 1944b	Babel Island	Hale, 1944b.
<i>Glyphocuma inaequalis</i> Hale, 1944b	Babel Island	Hale, 1944b.
<i>scrventyi</i> Hale, 1944b	Babel Island	Hale, 1944b.
<i>Cyclaspis sheardi</i> Hale, 1944a and 1948	Cape Barren Island	Hale 1944a and 1948.
<i>clarki</i> Hale, 1944a	Babel Island	Hale, 1944a.
<i>tribulis</i> Hale, 1928 and 1944a	Babel Island	Hale, 1928 and 1944a.
<i>australis</i> Sars, 1887 and Hale, 1946a	Babel Island	Sars, 1887 and Hale, 1946a.
<i>caprella</i> Hale, 1936, 1944a and 1948a	Kettering	Hale 1936, 1944a and 1948a.
<i>Zenocuma rugosa</i> Hale, 1944b and 1949	D'Entrecasteaux Channel	Hale 1944b and 1949.

Family NANNASTACIDAE

<i>Nannastacus asper</i> Hale, 1945b	Cape Barren Island	Hale, 1945b.
<i>Picrocuma pocillota</i> Hale, 1936, 1943, 1945b	Table Bay and and Wynyard	Hale, 1936, 1943, 1945b.
<i>Campylaspis thomsoni</i> Hale, 1945b	Babel Island	Hale, 1945b.
<i>roscida</i> Hale, 1945b	Babel Island	Hale, 1945b.
<i>unisulcata</i> Hale, 1945b	Babel Island	Hale, 1945b.
<i>Cumella lenia</i> Hale, 1936	Wynyard	Hale, 1936.

REFERENCES

- HALE, H. M., 1928.—*Trans. Roy. Soc. S. Austr.*, Vol. 52, pp. 31-48.
 —, 1936.—Cumacea from a South Australian reef. *Rec. S. Austr. Mus.*, Vol. V, No. 4, pp. 404-438.
 —, 1943.—Notes on two sand dwelling Cumacea. *Rec. S. Austr. Mus.*, VII, 4, pp. 337-42.
 —, 1944a.—The genus *Cyclaspis*. *Rec. S. Austr. Mus.*, Vol. VIII, No. 1, pp. 63-142.
 —, 1944b.—The family Bodotriidae. *Trans. Roy. Soc. S. Austr.*, Vol. 68, No. 22, pp. 225-285.
 —, 1945a.—The family Diastyliidae (1). *Trans. Roy. Soc. S. Austr.*, Vol. 69, Pt. 2, pp. 173-211.
 —, 1945b.—The family Nannastacidae. *Rec. S. Austr. Mus.*, Vol. VIII, No. 2, pp. 145-218.
 —, 1946a.—The family Diastyliidae (2). *Rec. S. Austr. Mus.*, Vol. VIII, No. 3, pp. 357-444.
 —, 1946b.—The family Lampropidae. *Trans. Roy. Soc. S. Austr.*, Vol. 70, No. 2, pp. 178-188.
 —, 1948.—Further notes on the genus *Cyclaspis*. *Rec. S. Austr. Mus.*, Vol. IX, No. 1, pp. 1-42.
 —, 1948.—The family Nannastacidae. *Rec. S. Austr. Mus.*, Vol. IX, No. 2, pp. 225-246.
 —, 1949.—Australian Cumacea—The Family Bodotriidae. *Rec. S. Austr. Mus.*, IX, 2, 1949, pp. 107-25.
 SARS, G. O., 1887.—Rept. on the Cumacea collected by H.M.S. Challenger. *Scient. Repts.* XIX, II, 1887.

Order TANAIDACEA

Apseudes australis Haswell 1881 Tinderbox 1950.

REFERENCE

HASWELL, W. A., 1881.—On some new Australian marine Isopoda. *Proc. Linn. Soc. N.S.W.* VI. pp. 181-196.

Order ISOPODA

Family IDOTEIDAE

<i>Crabyzus longicaudatus</i> Bate, 1863	Coles Bay	Guiler, 1951.
<i>Paridotea munda</i> Hale, 1924	Tasmania	Hale, 1929.
<i>ungulata</i> (Pallas), 1772	Eaglehawk Neck	
<i>Idotea caudacuta</i> Haswell, 1881b	Kelso	Launceston Mus.
<i>excavata</i> Haswell, 1881b	Tasmania	Haswell, 1881b.
<i>Euidotea peronii</i> (M-Ed.), 1840	Tasmania	Haswell, 1882.
	Blow Hole, Eaglehawk Neck	Zoology Dept.
	Ulverstone, 1939	Launceston Mus.

Family ONISCIDAE

<i>Oniscus punctatus</i> Thomson, 1878	Mt. Wellington	Thomson, 1893.
<i>Ligia australiensis</i> Dana, (1852)	Hobart	Thomson, 1893.
<i>Porcellio granifer</i> Miers, 1876	Tasmania	Haswell, 1882.
<i>Armadillo misellus</i> Budde-Lund, 1885	Tasmania	Thomson, 1893
<i>Armadillidium subdentatum</i> Haswell, 1882	Tasmania	Haswell, 1882.

Family ASELLIDAE

<i>Jais pubescens</i> Dana, 1852	Huon River	Thomson, 1892.
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Family SPHAEROMIDAE

<i>Cymodoce bidentata</i> Haswell, 1881b	Tasmania	Hale, 1929.
<i>aculeata grandis</i> Baker, 1911	Tasmania	Hale, 1929.
<i>granulata</i> Miers, 1876	Tasmania and Flinders Island	Haswell, 1882.
<i>gaimardi</i> M-Ed., 1840	Tasmania	Haswell, 1882.
<i>Cerceis trispinosa</i> (Haswell), 1881b	Tasmania	Hale, 1929.
<i>Amphoroidea elegans</i> Baker, 1911	Sleepy Bay	Guiler, 1951.
<i>tridentata</i> (M-Ed., 1840)	Clark Island, Bass Strait, and Ulverstone	Launceston Mus.
<i>trispinosa</i> (Haswell), 1881a	King Island and Tasmania	Haswell, 1882.
	Blow Hole, Eaglehawk Neck	

<i>Zuzara integrata</i> Haswell, 1882	Tasmania	Haswell, 1882.
<i>venosa</i> (Stebbing), 1876	Blaekman's Bay	1949.
	Ulverstone; and nr. Sister's Hills, N.W.	Launeeston Mus. 1940.
	Coast	
<i>Haswellia emarginata</i> (Haswell), 1881b	Blaekman's Bay	
<i>Sphacroma quoyana</i> M-Ed., 1840	Tasmania	Haswell, 1882.
	Huon River	Thomson, 1893.
	New Town Bay	Zoology Mus.
<i>gigas</i> Leach, 1818	Pirates Bay	Thomson, 1893.
<i>Rocinela spongicola</i> Thomson, 1893	Dredged	Thomson, 1893.
<i>Codonophorus imbricatus</i> (Fabr.), 1787	From Silver Bream, 1943	Launeeston Mus.

Family SERIOLIDAE

<i>Seriolis tuberculata</i> Grube, 1875	Channel	Zoology Museum.
	Off E. Moneoeur Is.	Beddard, 1884b.
<i>longicaudata</i> Beddard, 1884b	Off E. Moncoeur Is.	Beddard, 1884a.
<i>pallida</i> Beddard, 1884b	Off E. Moneoeur Is.	Beddard, 1884a.
<i>minuta</i> Beddard, 1884b	Off E. Moneoeur Is.	Beddard, 1884a.

Family SCYPHACIDAE

<i>Actoccia euchroa</i> Dana, 1852	Eaglehawk Neck	Thomson, 1893.
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Family ASTACILLIDAE

<i>Astacilla longicornis</i> Haswell, 1880b	Tasmania	Haswell, 1882.
<i>derwenti</i> Guiler, 1949	D'Entrecasteaux Channel	Guiler, 1949.
<i>oculata</i> Guiler, 1949	D'Entreeeasteaux Channel	Guiler, 1949.
<i>unicornis</i> Guiler, 1949	D'Entreeeasteaux Channel	Guiler, 1949.
<i>monoseta</i> Guiler, 1949	D'Entreeeasteaux Channel	Guiler, 1949.
<i>inaequispinosa</i> Guiler, 1949	D'Entrecasteaux Channel	Guiler, 1949.

Family ANTHURIDAE

<i>Accalathura gigas</i> Whitelegge, 1901	East of Maria Island	Hale, 1937.
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Family CYMOTHOIDAE

<i>Cirolana corpulenta</i> Hale, 1926	Elliott Cove, West Coast	Hale, 1940.
<i>valida</i> , Hale 1940	Flinders Island, Bass Strait, 200-300 fathoms	Hale, 1940.

<i>Aega deshayesiana</i> (Milne-Edwards), 1840	Tasmania	Hale, 1940.
<i>scrripes</i> (Milne Edwards), 1840	Flinders Island	Hale, 1940.
<i>angustata</i> Whitelegge, 1901	Oyster Bay	Hale, 1940.
<i>fracta</i> Hale, 1940	Tasmanian Coast	Hale, 1940.
<i>cyclops</i> Haswell, 1881b	Bass Strait	Hale, 1940.
	East of Maria Island	Hale, 1937.
	Hummocky Island	Hale, 1940.
	Maria Island	Hale, 1940.
	Oyster Bay	Hale, 1940.
<i>concinna</i> Hale, 1940	Bass Strait	Hale, 1940.
<i>nodosa</i> Schioedte and Meinert, 1881	East of Maria Island	Hale, 1937.
<i>punctulata</i> Miers, 1881		
<i>Nerocila orbignyi</i> (Guérin), 1832	Storm Bay	Hale, 1940.
<i>australiasiae</i> Schioedte and		
Meinert, 1881	Hobart	Hale, 1926.
<i>Livoneca raynaudii</i> Milne-Edwards, 1840	Tasmania	Hale, 1926.

Family AMPHISOPIDAE

<i>Uramphisopus pearsoni</i> Nicholls, 1943	Mud in Great Lake	Nicholls, 1943.
<i>Hypsimetopus intrusor</i> Sayce, (1902)	Zeehan, in <i>Engaeus</i> holes	Nicholls, 1943.
<i>Phreatoicoides longicollis</i> Nicholls, 1943	Woodbury, Curryjong Rivulet	Launceston Mus. 1946.

Quenstown and Zeehan Nicholls 1943.

Family PHREATOICIDAE

<i>Mesaeanthotelson setosus</i> Nicholls, 1944	Great Lake	Nicholls, 1944.
<i>tasmaniaca</i> (Thomson), 1894	Great Lake	Nicholls, 1944.
<i>decipiens</i> Nicholls, 1944	Great Lake	Nicholls, 1944.
<i>fallax</i> Nicholls, 1944	Great Lake	Nicholls, 1944.
<i>Onchotelson brevicaudatus</i> (Smith), 1909	Great Lake	Nicholls, 1944.
	Great Lake	Nicholls, 1944.
	Swan Bay, Great Lake	Sheppard, 1927.
<i>spatulus</i> Nicholls, 1944	Great Lake	Nicholls, 1944.
<i>Paraphreatoicus relictus</i> Nicholls, 1944	Woodbury; Antill Ponds	Nicholls, 1944.
<i>Colubotelson thomsoni</i> Nicholls, 1944	Mt. Wellington and Ridgeway	Nicholls, 1944.
<i>evansi</i> Nicholls, 1944	Waratah	Nicholls, 1944.
<i>campastris</i> Nicholls, 1944	South of Hobart	Nicholls, 1944.
<i>huonensis</i> Nicholls, 1944	Port Huon	Nicholls, 1944.
<i>flynni</i> Nicholls, 1944	Eaglehawk Neck	Nicholls, 1944.
<i>gesmithi</i> Nicholls, 1944	Mt. Field	Nicholls, 1944.
<i>chiltoni</i> (Sheppard), 1927	Great Lake and Shannon Lagoon	Sheppard, 1927.
<i>minor</i> Nicholls, 1944	Pine Lagoon	Nicholls, 1944.
<i>sayeei</i> Nicholls, 1944	Lake Petrarch	Nicholls, 1944.

<i>fontinalis</i> Nicholls, 1944	Lemana and Deloraine	Nicholls, 1944.
<i>tattersalli</i> (Sheppard), 1927	Great Lake	Sheppard, 1927.
	Great Lake	Nicholls, 1944.
<i>dubius</i> Nicholls, 1944	Great Lake	Nicholls, 1944.
<i>intermedius</i> Nicholls, 1944	Great Lake and Shannon Lagoon	Nicholls, 1944.
<i>setiferus</i> Nicholls, 1944	Scottsdale	Nicholls, 1944.
<i>Metaphreatoicus magistri</i> Nicholls, 1944	Adventure Bay	Nicholls, 1944.
<i>affinis</i> Nicholls, 1944	Wombat Moor, National Park	Nicholls, 1944.

REFERENCES

- BAKER, W. H., 1911.—Notes on some species of Sphaeromidae from southern Australian seas. *Proc. Roy. Soc. S. Austr.* 35. 1911, pp. 89-93.
- BATE, C. SPENCE, 1863.—On some new Australian species of Crustacea. *Proc. Zool. Soc.* 1863, pp. 498-505.
- BEDDARD, F. E., 1884a.—Report on the Isopoda collected by H.M.S. Challenger, *Sci. Rep.* XI. 3. The genus *Seriolis*.
—, 1884b.—Preliminary notice of the Isopoda collected during the voyage of H.M.S. Challenger. Pt. 1. *Seriolis*. *Proc. Zool. Soc.* 1884, pp. 330-41.
- BUDDE-LUND, G., 1885.—*Crustacea Isopoda Terrestria*.
- DANA, J. D., 1852.—*Crustacea* Part 2.
- FABRICIUS, J. C., 1787.—*Montissa insect.* 1. 1787.
- GRUBB, A. E., 1875.—*Archiv. für Naturgesch.* 1875.
- GUERIN, M. F. E., 1832.—*Exp. scientifique de Morée.* Tome III. 2. 1832.
- GUILER, E. R., 1949.—New species of *Astacilla* from Tasmanian waters. *Pap. Roy. Soc. Tasm.* 1948, (1949), pp. 45-64.
—, 1951.—Notes on the intertidal ecology of Freycinet Peninsula. *Pap. Roy. Soc. Tasm.* 1950 (1951), pp. 53-70.
- HALE, H. M., 1924.—Notes on Australian Crustacea Part 3. *Proc. Roy. Soc. South Austr.* Vol. 48. 1924, pp. 209-25.
- , 1926.—Review of Australian Isopods of Cymothoid Group. *Trans. Roy. Soc. S. Austr.* Vol. 50. 1926, pp. 201-34.
- , 1929.—*Crustacea of South Australia* Part 2.
- , 1937.—*Austr. Ant. Exp. Scien. Repts.* C. 11. 2. Isopoda & Tanaidacea. 1937.
- , 1940.—Rept. on Cymothoid Isopods, F.I.S. Endeavour. *Trans. & Proc. Roy. Soc. Austr.* 64. 2. pp. 288-304.
- HASWELL, W. A., 1881a.—On some new Australian marine Isopoda. *Proc. Linn. Soc. N.S.W.* V. 1881, pp. 470-81.
—, 1881b.—On some new Australian marine Isopoda Part II. *Proc. Linn. Soc. N.S.W.* VI. 1881, pp. 181-97.
—, 1882.—*Australian Stalk- and Sessile-eyed Crustocea*.
- LEACH, W. E., 1818.—*Dict. des Sci., Nat.* Tome XII.
- MIERS, E. J., 1876.—Description of some new species of crustacea, chiefly from N.Z. *Ann. Mag. Nat. Hist.* 4. XVII. 1876, pp. 218-29.
- , 1881.—The Survey of H.M.S. Alert. Crustacea. *Proc. Zool. Soc.* 1881, pp. 61-79.
- MILNE-EDWARDS, H., 1840.—*Hist. Nat. Crust.* III.
- NICHOLLS, G. E., 1943.—The Phreatoicoidea Part I. *Pap. Roy. Soc. Tasm.* 1942 (1943), pp. 1-46.
—, 1944.—The Phreatoicoidea Part II. *Pap. Roy. Soc. Tasm.* 1943 (1944), pp. 1-152.
- PALLAS, P. S., 1772.—*Spiril. Zool.* IX. 1772.
- SAYCE, O. A., 1902.—A new genus of Phreatoicidae. *Proc. Roy. Soc. Vict.* XIV. 1902, pp. 218-24.
- SCHIOEDTE, J. M. C. & MEINERT, F. V. A., 1881.—*Naturh. Tidsskr.* (3) XIII. 1881, p. 35.
- SHEPPARD, E. M., 1927.—Revision of the Fam. Phreatoicidae (Crustacea) with a description of two new species. *Proc. Zool. Soc.* pp. 61-124.
- SMITH, G. W., 1909.—Freshwater Crustacea of Tasmania. *Trans. Linn. Soc.* XI. 4. 1909, pp. 61-92.
- STERBBING, T. R. R., 1876.—A new Australian Sphaeromid. *J. Linn. Soc.* 12. 1876.

- THOMSON, G. M., 1878.—New Zealand Crustacea, with descriptions of new species. *Trans. N. Z. Inst.* XI. 1878, pp. 230-48.
 ————, 1893.—Notes on Tasmanian Crustacea with descriptions of new species. *Pap. Roy. Soc. Tasm.* 1892 (1893), pp. 45-67.
 ————, 1894.—On a new species of *Phreatoicus* from Tasmania. *Ann. Mag. Nat. Hist.* (6) 13. 1894, pp. 349-51.
 WHITELEGGE, T., 1901.—Sci. Res. trawling Exp. of H.M.C.S. *Thetis*. Crustacea Part II. *Mem. Austr. Mus.* IV. 3. 1901, pp. 203-46.

Order AMPHIPODA

Amphipoda Gammaridea

Family LYSIANASSIDAE

<i>Tryphosa camelus</i> Stebbing, 1910 (= <i>T. sarsi</i> (Bonnier) Sheard, 1937)	Bay of Fires and Babel Island	Chilton, 1921.
<i>Endeavoura mirabilis</i> Chilton, 1921	East Coast of Flinders Island	Chilton, 1921.
<i>Euonyx pirlote</i> Sheard, 1938 (= <i>E. normani</i> Chilton, 1921, non Stebbing, 1888a)	East Coast of Flinders Island	Chilton, 1921. Sheard, 1938.
<i>Socarnoides stebbingi</i> (Thomson), 1893	Pirates Bay	Thomson, 1893.
<i>Timetonx miersi</i> (Stebbing), 1888a	Off East Moncoeur Island	Stebbing, 1888a.
<i>Waldeekia kroyeri</i> (White), 1848	Off East Moncoeur Island	Stebbing, 1848.
	Van Diemen's Land	White, 1848.
	Tasmania	Haswell, 1882.
	Tasmania	Miers, 1884.
	East Coast of Flinders Island	Chilton, 1921.
	Tasmanian Coast	Chilton, 1921.
<i>chevreuxi</i> Stebbing, 1910	Schouten Island; Oyster Bay; Bay of Fires; and E. slope of Bass Strait	All Chilton, 1921.
<i>Amaryllis macrophtalma</i> Haswell, 1880a	Tasmania	Haswell, 1882.
	Circular Head;	All Chilton, 1921.
	E. slope of Bass Strait; Tasmanian coast and E. coast of Flinders Island	

Family STEGOCEPHALIDAE

<i>Stegocephalus latus</i> Haswell, 1880a	Tasmania	Haswell, 1882.
<i>Andaniotes corpulentus</i> (Thomson), 1883	E. Bass Strait	Chilton, 1921.

Family PLATYISCHNOPIDAE

<i>Platyischnopus mirabilis</i> Stebbing, 1888a	Lat. 42°S. Long. 148°E	Sheard MS.
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Family PHOXOCEPHALIDAE

<i>Phoxocephalus bassi</i> Stebbing, 1888a	Off E. Moncoeur Is.	Stebbing, 1888a.
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Family SEBIDAE

<i>Seba typica</i> (Chilton), 1884	East Coast of Flinders Island	Chilton, 1921.
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Family LEUCOTHOIDAE

<i>Leucothoe spiniearpa</i> (Abildgaard), 1789	Tasmania Tasmania and East slope of Bass Strait	Haswell, 1882. Chilton, 1921.
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Family PROPHLIANTIDAE

<i>Eophlyantias tindalei</i> Sheard, 1936b	Wynyard	Sheard, 1936b.
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Family LILJEBORGIIDAE

<i>Liljeborgia dubia</i> (Haswell), 1880c	Tasmanian coast	Chilton, 1921.
<i>aequabilis</i> Stebbing, 1888a.	Off East Moncoeur Is.	Stebbing, 1888a.

Family OEDICEROTIDAE

<i>Oediceroides apicalis</i> Barnard, 1931	East slope of Bass Strait	Chilton, 1921.
<i>ornatus</i> Chilton, 1921	East Marion Island	Chilton, 1921.

Family PONTOGENEIIDAE

<i>Pontogeneia tasmaniæ</i> (Thomson), 1893	Pirate's Bay	Thomson, 1892.
<i>Paramoera austrina</i> (Bate), 1862	Oyster Bay; Port Arthur; Tasmanian coast	Chilton, 1921.

Family EUSIRIDAE

<i>Eusiroides monoculoides</i> (Haswell), 1880e.	Tasmanian coast	Chilton, 1921.
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Family GAMMARIDAE

<i>Neoniphargus alpinus</i> Smith, 1909	West coast tarns	Smith, 1909.
<i>exiguus</i> Smith, 1909	Huntingfields, (near Hobart)	Smith, 1909.
<i>montanus</i> Thomson, 1893	Mt. Wellington	Thomson, 1893.
<i>mortoni</i> (Thomson), 1893	Franklin and Mt. Wellington	Thomson, 1893.
<i>niger</i> Smith, 1909	Lake Perry, Hartz Mts.	Smith, 1909.
<i>spenceri</i> Smith, 1909	Lake Petrarch	Smith, 1909.
<i>tasmanicus</i> Smith, 1909	Great Lake	Smith, 1909.
<i>wellingtoni</i> Smith, 1909	Mt. Wellington	Smith, 1909.
<i>yuli</i> Smith, 1909	Ben Lomond	Smith, 1909.
<i>Elasmopus</i> subearinatus (Haswell), 1880e.	East Bass Strait	Chilton, 1921.
<i>viridis</i> (Haswell), 1880e.	East Bass Strait	Chilton, 1921.
<i>diemenensis</i> (Haswell), 1880a.	Tasmania	Haswell, 1882.
<i>Moera hamigera</i> Haswell, 1880e.	East Bass Strait	Haswell, 1880c.
<i>faseiculata</i> (Thomson), 1880	Huon Estuary	Thomson, 1893.
<i>Ceradocus</i> (<i>Denticeeradocus</i>) <i>serrata</i> (Bate), 1862	Circular Head Tasmanian Coast, Bass Strait	Chilton, 1921. Sheard, 1939.

Family TALITRIDAE

<i>Talitrus sylvaticus</i> Haswell, 1880a.	Woods in Tasmania	Haswell, 1882.
<i>Orchestia marmorata</i> (Haswell), 1880b.	Beaches in Tasmania	Haswell, 1882.
<i>Talorchestia diemenensis</i> Haswell, 1880a.	Tasmania	Hale, 1929.
<i>pravidaetyla</i> Haswell, 1880b.	Pirates Bay and Huon River	Haswell, 1882.
<i>quadrimana</i> (Dana), 1852	Tasmania	Haswell, 1882.
<i>recherche</i> Bay		
<i>Allorchestes rupieola</i> Haswell, 1880a.	Hobart	Thomson, 1893.
<i>compressa</i> Dana, 1852.	Tasmania	Haswell, 1882.
<i>Chiltonia australis</i> (Sayce), 1901	Lake St. Clair and Great Lake; Clyde River and Bruni Island; Magnet Mine	Smith, 1909.

Family AORIDAE

<i>Lembos philaeantha</i> (Stebbing), 1888a	East of Moncoeur Is.	Stebbing, 1888a.
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Family PHOTIDAE

<i>Photis doliehomma</i> Stebbing, 1910	East Bass Strait	Chilton, 1921.
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Family AMPITHOIDAE

<i>Ampithoe einerea</i> Bate, 1862	Hummock Island	Bate, 1862.
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Amphipoda Hyperiidea

Family VIBILIIDAE

<i>Vibilia australis</i> Stebbing, 1888a	Lat. 42°S. Long. 147°E.	Sheard, MS.
<i>armata</i> Bovallius, 1887	Lat. 43°S. Long. 148°E.	Sheard, MS.

Family PHRONOMIDAE

<i>Phronima sedentaria</i> Forskal, 1775	Plankton off Tasman Peninsula
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Family PARAPHRONOMIDAE

<i>Paraphronima crassipes</i> Claus, 1878	Lat. 42°S. Long. 148°E.	Sheard, MS.
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Family HYPERIIDAE

<i>Euthemisto gaudichaudii</i> (Guérin), 1836	Lat. 43°-39°S. Long. 148°E.	Sheard, MS.
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Family ANCHYLOMERIDAE

<i>Phrosina semilunata</i> Risso, 1822	Lat. 41° and 42°S. Long. 148°E.	Sheard, MS.
<i>Euprimmo macropus</i> (Guérin), 1836	Lat. 39°S. Long. 148°E.	Sheard, MS.

Family LYCAEIDAE

<i>Brachyschelus crusculum</i> Bate, 1862	Lat. 42°-39°S. Long. 148°E.	Sheard, MS.
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Family PRONOVIDAE

<i>Parapronoc crustulum</i> Claus, 1878	Lat. 39°S, Long. 148°E.	Sheard, MS.
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Family PLATYSCELIDAE

<i>Tetrathyrid moncoeuri</i> Stebbing, 1888a	Off East Moncoeur Is.	Stebbing, 1888a.
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Family OXYCEPHALIDAE

<i>Streetsia challengerii</i> Stebbing, 1888a	Lat. 42°-39°S. Long. 148°E.	Sheard, MS.
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Family CAPRELLIDAE

<i>Caprella aequilibra</i> Say, 1818	On <i>Aglaophenia decumbens</i> at Wineglass Bay	Briggs, 1915.
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<i>Orthoprotella australis</i> (Haswell), 1880a	On <i>Sertularia operculata</i> , D'Entrecasteaux Channel	Briggs, 1915.
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<i>Pseudoprotella phasma</i> Mayer, 1882	East Bass Strait	Chilton, 1921.
<i>Doncas deccacentrum</i> Stebbing, 1910	On <i>Sertularia operculata</i> , D'Entrecasteaux Channel	Briggs, 1914.

REFERENCES

- ABILDGAARD, P. C., 1789.—*Zoologica Dania III.* 1879.
- BARNARD, K. H., 1931.—*Scient. Repts. Gt. Barrier Reef Exped.* 4. 1931, pp. 111-135.
- BATE, SPENCE C., 1862.—*Catalogue of the Amphipodous Crustacea in the British Museum.*
- BONNIER, J., 1893.—Les amphipodes du Poulonnais. *Bull. Sci. de la France et de la Belgique.* XXIV. 1893.
- BOVALLIUS, C., 1887.—Systematic list of the Amphipoda Hyperiidea. *Bihang till K. Svenska Vet.-Akad. Handlingar.* Band II. No. 16.
- , 1890.—The Oxycephalids. *Nova Acta Soc. Sci. Upsal.* (3) XIV. pp. 1-14.
- BRIGGS, E. A., 1915.—Notes on Tasmanian Caprellidae. *Pap. Roy. Soc. Tasm.* 1914 (1915), pp. 75-80.
- CHILTON, C., 1884.—Additions to the sessile-eyed crustacea of New Zealand. *Trans. N.Z. Inst.* 16. 1884, pp. 249-65.
- , 1921.—Report on the Amphipoda obtained by the F.S.S. Endeavour. *Biol. Res.* . . . V. 2. 1921.
- CLAUS, C., 1878.—Über Herz und Gefäß-system der Hyperiden. *Zool. Anz.* 1. 12. 1878, pp. 269-71.
- DANA, J. D., 1852a.—*Conspectus Crustaceorum . . .* Pt. III, Amphipoda.
- , 1852b.—*Proc. Amer. Acad. Arts. Sci.* II. 1852, pp. 201-20.
- FORSKAL, P., 1775.—*Descr. Anim. quae in itin. oriente observavit.*
- GUERIN, M. F. E. & MENEVILLE, F. E., 1836.—*Iconographie du Regne animal . . .* tome 2 and 3.
- CUILER, E. R., 1950.—The intertidal ecology of Tasmania. *Pap. Roy. Soc. Tasm.* 1949 (1950), pp. 135-201.
- HASWELL, W. A., 1880a.—On Australian Amphipoda. *Proc. Linn. Soc. N.S.W.* IV. 1880, pp. 245-79.
- , 1880b.—On some new Amphipods from Australia and Tasmania. *Proc. Linn. Soc. N.S.W.* V. 1880, pp. 97-105.
- , 1880c.—On some additional new genera and species of Amphipodous Crustacea. *Proc. Linn. Soc. N.S.W.* IV. 1880, pp. 319-50.
- , 1882.—*Australian Stalk- and Sessile-eyed Crustacea.*
- MAYER, P., 1882.—Die Caprellidae des Golfs von Neapel. *Flora u. Fauna des Golfs v. Neapel.* Monog. 6.
- MIERS, E. J., 1884.—*Zoological collections of H.M.S. Alert.* pp. 178-326.
- NICHOLLS, G., 1939.—*Rec. S. A. Mus.* Vol. VI. No. 3. pp. 309-334.
- RISSE, A., 1822.—Mémoire sur quelques nouveaux Crustaces observés dans la mer de Nice. *J. de Phys. de Chemie et d'Hist. Nat.* Tome XCV. 1822, pp. 241-8.
- SAY, T., 1818.—An account of the crustacea of the United States. *J. Acad. Nat. Sci. Phil.* 1. 1818, pp. 313-19; 374-401.
- SAYCE, O. A., 1901.—Description of some new Victorian fresh-water Amphipoda. *Proc. Roy. Soc. Vict.* 13. 1901, pp. 225-42.
- SHEARD, K., 1936a.—Amphipods from a South Australian Reef, Part 1. *Rec. S. A. Mus.* Vol. V. No. 4. pp. 445-455.
- , 1936b.—Amphipods of the Phlantid Group. *Rec. S. A. Mus.* Vol. V. No. 4. pp. 456-468.
- , 1936c.—Amphipods from a South Australian Reef II. *Trans. Roy. Soc. S. Austr.* Vol. 60. pp. 173-177.
- , 1937.—A catalogue of Australian Gammaridea. *Trans. Roy. Soc. S. Austr.* Vol. 61. pp. 17-29.
- , 1938.—The Amphipod Genera *Enonyx*, *Syndexamine* and *Paradexamine*. *Rec. S.A. Mus.* Vol. VI. No. 2, 169-186.
- , 1939.—Studies in Australian Gammaridea (1) The genus *Ceradocus*. *Rec. S.A. Mus.* Vol. VI. No. 3, pp. 275-295.
- SMITH, G. W., 1909.—Freshwater Crustacea of Tasmania. *Trans. Linn. Soc.* XI. 4. 1909, pp. 61-92.
- SMITH, S. L., 1876.—*Bull. U.S. Mus.* III. 1876.
- STEBBING, T. R. R., 1888a.—Report on the Amphipoda collected by H.M.S. Challenger. *Sci. Repts.* Vol. XXIX. 1888.
- , 1888b.—The Challenger Amphipoda. *Ann. Mag. Nat. Hist.* V. II. 1888, pp. 203-8.
- , 1906.—Amphipoda 'Gammaridea' *Das Tierreich* 21 Ließ. 1906.
- , 1910.—*Sci. Repts.* Trawling Exp. H.M.C.S. Thetis. Crust. V. Amphipoda Mem. Austr. Mus. IV. 2. 1910.
- STIMPSON, W., 1855.—Description of some new marine invertebrates from the Chinese and Japanese seas. *Proc. Acad. Nat. Sci.* VII.
- THOMSON, G. M., 1880.—New species of Crustacea from N.Z. *Ann. Mag. Nat. Hist.* VI. 31. 1880, pp. 1-6.
- , 1882.—Additions to the crustacean fauna of N.Z. *Trans. N.Z. Inst.* XIV. 1882, pp. 230-38.
- , 1893.—Notes on Tasmanian crustacea with descriptions of new species. *Pap. Roy. Soc. Tasm.* 1892 (1893), pp. 45-67.
- WHITE, A., 1848.—Descriptions of new or little known crustacea in the collection of the British Museum *Ann. Mag. Nat. Hist.* 2, I. 1848. pp. 221-28.

Sub-class Eucarida

Order EUPHAUSIACEA

Family EUPHAUSIIDAE

<i>Nyctiphanes australis</i> Sars, 1885	Bass Strait and East Coast of Tasmania	Sheard, MS.
<i>Euphausia lucens</i> Hansen, 1905	Lat. 42°-43°S.- Long. 148°E.	Sheard, MS.
<i>spinifera</i> Sars, 1885	Lat. 39°-43°S. Long. 140°E.	Sheard, MS.
<i>similis</i> Sars, 1885	Lat. 41°-42°S. Long. 148°E.	Sheard, MS.
<i>armata</i> Hansen	Lat. 41°-42°S. Long 148°E.	Sheard, MS.
<i>recurrta</i> Hansen, 1905	Lat. 39°S. Long. 148°E.	Sheard, MS.
<i>Thysoanessa gregaria</i> Sars, 1885	Lat. 39°-43°S. Long, 148°E.	Sheard, MS.
<i>Nematoscelis difficilis</i> Hansen, 1911	Lat. 39°-42°S. Long. 148°E.	Sheard, MS.
<i>Stylocheiron maximum</i> Hansen, 1908	Lat. 42°S. Long. 148°E.	Sheard, MS.
<i>abbrviatum</i> Sars, 1885	Lat. 39°S. Long. 148°E.	Sheard, MS.
<i>carinatum</i> Sars, 1885	Lat. 39°S. Long. 148°E.	Sheard, MS.

REFERENCES

- HANSEN, H. J., 1905.—Further notes on the Schizopoda. *Bull. Mus. Ocean. Monaco*. No. 42. pp. 1-32.
- _____, 1908.—Danish Ingolf Exp. Vol. 3. *Crust. Malacost.* Pt. 1.
- _____, 1911.—The genera and species of the order Euphausiacea. *Bull. l'Inst. Ocean. Monaco*. No. 210, pp. 1-54.
- JOHN, D. D., 1936.—The Southern species of the genus *Euphausia*. *Discovery Reports*. Vol. XIV. pp. 193-324.
- SARS, G. O., 1885.—Report on the Schizopoda collected by H.M.S. Challenger. *Sci. Rep.* XIII. 1885.

Order DECAPODA

Sub-order Macrura

Family PENAEIDAE

Penaeus plebejus Hess, (1865) Australia Haswell, 1882a.

Family SERGESTIDAE

Leucifer hansenii Nobili, 1905 Bass Straits Zoology Museum.
Plankton

Family ALPHEIDAE

Alpheus (?) *Crangon* *gracilipes* East of Moneoeur Is. Bate, 1888
Stimpson, 1860.

Alpheopsis trispinosus (Stimpson), 1860 East of Maria Island Hale, 1941.

Family CAMPYLYONOTIDAE

Campylonotus rathbunae Schmitt, 1926 East of Flinders Island Schmitt, 1926.

Family ATYIDAE

Xiphocaris compressa v. Martens Clyde and Jordan Thomson, 1893.
(= *Paratya australis* Kemp, 1917) Rivers; Lakes Sorell
and Crescent; Tiberias Swamp

Paratya tasmaniensis Riek Kingston; ? Clyde and Riek, MS.
Prosser Rivers

Family HIPPOLYTIDAE

Nauticaris marionis Bate, 1888 East of Maria Island Hale, 1941.

Family RHYNCHOCINETIDAE

Rhynchocinetes australis Hale, 1941. East of Maria Island Hale, 1941.

Family PALAEMONIDAE

<i>Leander tenuicornis</i> (Say), 1818	Australia	Haswell, 1882a.
<i>serenus</i> Heller, 1868	Ulverstone	Launceston Museum.
<i>Palaemon intermedius</i> (Stimpson), 1860	East Coast Southport D'Entreeasteaux Channel Brown's Bay, near Ulverstone; Clark Island	Thomson, 1893. Zoology Museum. January, 1950. Launceston Museum.

Family PASIPHAEIDAE

Pasiphaea rathbunae (Stebbing), 1914 West of Tasmania Hale, 1941.

Family OPLOPHAIDAE

Acanthephya hacckeli (Bate), 1888 West of Tasmania Hale, 1941.

Family PALINURIDAE

<i>Jasus lalandii</i> (M-Ed.), 1834	Tasmanian waters generally	
	Tasmania	Haswell, 1882a.
	Tasmania	Shcard, 1905.
<i>verreauxi</i> (M-Ed.), 1834	Wedge Bay	Hickman, 1946.
	Schouten Island	Saville-Kent, 1887.
	Flinders Island	Launceston Museum, 1951.

Family SCYLLARIDAE

<i>Scyllarus mawsoni</i> (Bage), 1938	East of Maria Island	Bage, 1938.
	East of Maria Island	Hale, 1941.
<i>Ibacus incisus</i> (Leach), 1817	D'Entrecasteaux Channel	—

Family PARASTACIDAE

<i>Geocharax gracilis</i> Clark, 1936	Smithton	Clark, 1939.
<i>Astacopsis franklinii</i> (Gray), 1831	Meander River 1947, and Patersonia	Launceston Museum.
var.	Zeehan	Thomson, 1893.
	Tasmania	Haswell, 1882a.
	Saundridge; Cressy and Hobart	Clark, 1939.
<i>gouldi</i> Clark, 1939	Hobart Creek, Mt. Wellington, Cascade Creek, Ridgeway	Clark, 1936 and 1939.
	(? Mt. Wellington); Circular Head; Zeehan Gordon River; Bridport Macquarie Harbour; Wynyard;	Clark, 1939.
	Ronnie Creek, Cradle Mt.	Launceston Museum.
<i>tricornis</i> Clark, 1936	Lake St. Clair; Cradle Mt.; Dcrwent Bridge	Clark, 1939.
	Dove River	Launceston Museum.
<i>australiensis</i> M-Ed, 1837	Australia	Haswell, 1882a. Not in Tasmania (Riek.)
<i>Cherax bicarinatus</i> (Gray), 1845	West Coast	Launceston Museum.

<i>Engaeus cunicularius</i> Erichson, 1846	Glenore; Launceston Longford; South Esk	Clark, 1939.
	Tasmania	Haswell, 1882a.
	Third Basin, South Esk	Launceston Museum, 1940.
<i>leptorhynchus</i> Clark, 1939	Derby; Herriek	Clark, 1939.
<i>fossor</i> Erichson, 1846	Tasmania	Haswell, 1882a.
	Magnet Mine; Clayton Rivulet; Bridport; Wynyard	Clark, 1939.
<i>ignotus</i> Clark, 1939	Smithton	Clark, 1939.
<i>Parastacoides tasmaniensis</i> (Erichson), 1846	Lake Margaret; Mt. Lyell; Strahan; Queenstown	Clark, 1939.
<i>inermis</i> Clark, 1939	Adamson's Peak	Clark, 1939.
<i>insignis</i> Clark, 1939	Melaleuca Creek	Clark, 1939.
<i>setosimerus</i> Riek, 1951	Mt. Rufus; Lake St. Clair	Riek, 1951.
<i>leptomerus</i> Riek, 1951	Lake Lilla, Cradle Mt.	Riek, 1951.

Sub-order Anomura

Family GALATHEIDAE

<i>Galathea pusilla</i> Henderson, 1888	Dredge, D'Entreeasteaux Channel	Zoology Museum.
<i>Munida subrugosa australiensis</i> Henderson, 1888	East of Moncoeur Island	Henderson, 1888.
<i>haswelli</i> Henderson, 1888	East of Maria Island	Hale, 1941.

Family PORCELLANIDAE

<i>Petrolisthes elongatus</i> M-Ed., 1837	Southport Hobart East Coast	Zoology Museum. Thomson, 1893. Thomson, 1893.
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Family CALLIANASSIDAE

<i>Upogebia simsoni</i> (Thomson), 1892	East Coast	Thomson, 1893.
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Family PAGURIDAE

<i>Clibanarius strigimanus</i> (White), 1847	Off East Moncoeur Island	Henderson, 1888.
	East of Maria Island and East of Tasmania	Hale, 1941.
	Low Head, 1943	Launceston Museum.
	D'Entreeasteaux Channel	January, 1950.

<i>Eupagurus lacertosus</i> Henderson, 1888	Off East Moncoeur Island	Henderson, 1888.
	East of Maria Island and West of Tasmania	Hale, 1941.
<i>Glaucothoe peronii</i> M-Ed., 1830	West of Tasmania	Hale, 1941.
<i>Sympagurus arcuatus johnstoni</i> Hale, 1941	East of Tasmania	Hale, 1941.

Family LITHODIDAE

<i>Lomis hirta</i> (Lam.), 1818	East Devonport Tasmania Eaglehawk Neck Burnie	Zoology Museum. Hale, 1927. March, 1951. Launceston Museum. 1951.
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Sub-order BRACHYURA

Family DROMIIDAE

<i>Petalomera lateralis</i> (Gray), 1831	Tasmania Off East Moncoeur Island	Haswell, 1882a. Henderson, 1888.
	Bass Strait Eaglehawk Neck	Rathbun, 1923. Zoology Museum.
	East of Maria Island	Hale, 1941.
	D'Entrecasteaux Channel	January, 1950.
<i>lamellata</i> (Ortmann), 1894	E.N.E. of Maria Island	Rathbun, 1923.
<i>wilsoni</i> (Fulton and Grant), 1902	East of Flinders Island; Bass Strait; Bay of Fires; Oyster Bay	Rathbun, 1923.
<i>Dromideopsis excavata</i> (Stimpson), 1858	Off East Moncoeur Island	Henderson, 1888.
	Bass Strait; Bay of Fires	Rathbun, 1923.
	East of Tasmania	Hale, 1941.
<i>Dromida australis</i> Rathbun, 1923	Bass Strait	Rathbun, 1923.

Family LATREILLIDAE

<i>Latreillopsis petterdi</i> Grant, 1905	Babel Island, Bass Strait; N.E. of Maria Island; S.E. of Bruni Island	Rathbun, 1923.
	East of Tasmania	Hale, 1941.
<i>Latreillia australiensis</i> Henderson, 1888	Babel Island	Rathbun, 1923.
<i>Homola orientalis</i> Henderson, 1888	Babel Island	Rathbun, 1923.

Family CANCRIDAE

<i>Cancer novae-zealandiae</i> (Jacquinot and Lueas), 1853	Hobart	Neill and Ward, 1930.
	East Coast	Guiler, MS.

Family HYMENOSOMATIDAE

<i>Halicarcinus lacustris</i> (Chilton), 1883	North-West Tasmania	Chilton, 1920.
	Smithton	Launceston Museum.
<i>varium</i> (Dana), 1852	N. Tasmania	Haswell, 1882a.
<i>australis</i> (Haswell), 1882b.	Strahan and Seamander	Launceston Museum, 1906.
<i>planatus</i> (Fabr.), 1793	George's Bay	Zoology Museum.
<i>ovatus</i> (Stimpson), 1858	Ralph's Bay	Zoology Museum.
	Blaekman's Bay	Guiler, 1950a.
	Oyster Bay	Rathbun, 1918.
<i>rostratus</i> (Haswell), 1882b.	No locality	Zoology Museum.

Family MAJIDAE

<i>Herbstia crassipes</i> M-Ed., (1873)	Bass Strait	Haswell, 1882a.
<i>spinulosus</i> Haswell, 1880	St. Helens	Launceston Museum.
	Tasmania	Haswell, 1882a.
	Tasmania	Balss, 1935.
	Bass Strait;	Rathbun, 1918.
	Oyster Bay	
	Sidmouth	Launceston Museum,
		1941.
<i>Leptomithrax waitei</i> (Whitelegge), 1889	Babel Island	Rathbun, 1918.
<i>globifer</i> (Rathbun). 1918	Kelso	Launceston Museum.
	Burnie	Launceston Museum,
		1943.
<i>sternocostulatus?</i> (M-Ed.), 1873	Leven River, Ulverstone, 1946	Launceston Museum.
<i>Paramithrax minor</i> Filhol, 1885	Ralph's Bay	Zoology Museum.
	Oyster and Storm Bays	Rathbun, 1918.
<i>Chlorinoides spatulifer</i> Haswell, 1882b.	East of Flinders and Babel Islands	Rathbun, 1918.
	East of Tasmania	Hale, 1941.
<i>Achaeus tenuicollis</i> Miers, 1886	East of Moncoeur Island	Miers, 1886.
	East Bass Strait	Rathbun, 1918.

<i>Naxia aries</i> (Latr.), 1825	East of Flinders Island	Rathbun, 1918.
	Bass Strait	Balss, 1935.
<i>deflexifrons</i> (Haswell), 1880d.	East of Flinders Island	Rathbun, 1918.
<i>aurita</i> (Latr.), 1825	Stewart's Bay	Zoology Museum.
	Derwent Estuary	Zoology Museum.
	D'Entrecasteaux Channel	Balss, 1935.
	Tasmania	Haswell, 1882a.
<i>spinosa</i> (Hess), 1865	Bass Strait	Miers, 1886.
<i>Scyramathia fultoni</i> (Grant), 1905	East of Babel and Flinders Islands; Tasman Head, Bruni Island	Rathbun, 1918.
	East of Tasmania	Hale, 1941.

Family PORTUNIDAE

<i>Nectocarcinus tuberculatus</i> M-Ed., 1860	Tasmania	Haswell, 1882a.
	Bay of Fires	Rathbun, 1923.
	Cremorne	October, 1950.
<i>integrifrons</i> (Latr.), 1825	Tasmania	Haswell, 1882a.
	Dredge off Tinder-box	September, 1950.
<i>Liocarcinus corrugatus</i> (Pennant), 1812	Off East Moncoeur Island	Miers, 1886.

Family XANTHIDAE

<i>Heteropilumnus fimbriatus</i> (M-Ed.), 1834	Channel	Zoology Museum.
<i>Pilumnus monilifera</i> Haswell, 1882b.	Tasmania	Haswell, 1882a.
<i>tomentosus</i> Latr., 1825	East Moncoeur Island	Miers, 1886.
	East of Flinders Island; East Bass Strait and off Falmouth	Rathbun, 1923.
<i>lanatus</i> Latr., 1825	Tasmania	Miers, 1884.
<i>etheridgei</i> Rathbun, 1923	North of Circular Head, and Oyster Bay	Rathbun, 1923.
<i>Actaea peronii</i> (M-Ed.), 1834	East coast of Flinders Island	Rathbun, 1923.
	East of Moncoeur Island	Miers, 1884.
	On Bryozoans, D'Entrecasteaux Channel	

<i>Pseudocareinus gigas</i> (Lam.), 1818	Bass Strait East of Bass Strait; East of Maria Island; Cape Pillar; South- East of Bruni Island East of Maria Island Bass Strait	Haswell, 1882a. Rathbun, 1923. Hale, 1941. Launceston Museum.
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Family GONOPLACIDAE

<i>Pilumnoplax heterochir</i> (Studer), 1882	East-North-East of Maria Island	Rathbun, 1923.
<i>Carcinoplax meridionalis</i> Rathbun, 1923	East Bass Strait and Babel Island	Rathbun, 1923.

Family PINNOTHERIDAE

<i>Pinnotheres novae-zealandiac</i> Filhol, 1885	East coast of Flinders Island	Rathbun, 1923.
<i>Pinnixa faba</i> (Dana), 1852	Hobart	Thomson, 1893.
<i>Fabia hickmani</i> Guiler, 1950b	South Tasmania	Guiler, 1950b.

Family GRAPSIDAE

<i>Leptograpsus variegatus</i> (Fabr.), 1793	Tasmania Probably in Tasmania ?	Haswell, 1882a. Tweedie, 1942. Launceston Museum.
<i>Brachynotus octodentatus</i> (M-Ed.), 1837	Tasmania Devonport and King Island	Balss, 1935. Tweedie, 1942.
<i>spinosus</i> (M-Ed.), 1837	North of Pieman River, West Coast Brown's River; Hobart and Carlton	per A. Hewer, 1951. Tweedie, 1942.
<i>Cyclograpsus punctatus</i> (M-Ed.), 1837	North Coast Eaglehawk Neck Brown's River Blackman's Bay; and Gordon, West Coast	Haswell, 1882a. Zoology Museum. Tweedie, 1942. Launceston Muscum.
<i>granulosus</i> (M-Ed.), 1852	Tasmania	Haswell, 1882a.
<i>Paragrapuspus quadridentatus</i> (M-Ed.), 1853	North Tasmania Southport and Eaglehawk Neck	Haswell, 1882a. Zoology Museum.
<i>gaimardi</i> (M-Ed.), 1853	Brown's River North coast George's Bay and Ralph's Bay Pipe Clay Lagoon Dodge's Ferry Brown's River and Sandy Bay	Tweedie, 1942. Haswell, 1882a. Zoology Museum. Guiler, 1951b. Guiler, MS. Tweedie, 1942.

<i>Plagusia chabrus</i> (L.), 1766	Tasmania	Haswell, 1882a.
<i>capensis</i> de Haan, 1835	Bass Strait	Rathbun, 1923.
<i>Helice haswellianus</i> (Whitelegge), 1889	Tasmania	Tweedie, 1942.
	Brown's River	Tweedie, 1942.
	St. George's Bay,	Launceston Museum.
	East Tasmania	

Family OCYPODIDAE

<i>Heloccius cordiformis</i> (M-Ed.), 1837	Tasmania	Haswell, 1882a.
	Orford, and Brown's River	Tweedie, 1942.
<i>Hemiplax latifrons</i> (Haswell), 1882b.	Orford and Carlton	Tweedie, 1942.

Family MICTYRIDAE

<i>Mictyris platychcles</i> (M-Ed.), 1852	Beach near Sister's Hills, North-West Coast	Launceston Museum.
	North Coast	Haswell, 1882a.
	North Tasmania	McNeill, 1926.
	Pipe Clay Lagoon;	Guiler, 1951b.
	Kingston; Seven Mile Beach	
<i>longicarpus</i> Latr., 1806	Tasmanian coasts	Launceston Museum.

Family LEUCOSIIDAE

<i>Myra mammillaris</i> Bell, 1855	Shores of Australia	Haswell, 1882a.
<i>Ebalia laevis</i> (Bell), 1855	Tasmania	Haswell, 1882a.
	Dodge's Ferry and Pipe Clay Lagoon	Guiler, 1951b.
	Stanley	Launceston Museum.
<i>quadrata</i> (M-Ed.), 1873	Bass Strait	Balss, 1935.
<i>tuberculosa</i> (M-Ed.), 1873	Bass Strait	Haswell, 1882a.
	East of Moncoeur Island	Miers, 1886.
	Bass Strait and Babel Island	Rathbun, 1923.
<i>Phylxia quadrata</i> (M-Ed.), 1873	Bass Strait	Haswell, 1882a.
<i>crassipes</i> (Bell), 1855	Dredged off Tinderbox	1950.
	East of Moncoeur Island	Miers, 1886.
<i>intermedia</i> , Miers, 1886	Oyster Bay	Rathbun, 1923. Zoology Museum.
<i>Ebaliopsis erosa</i> (M-Ed.), 1873	Bass Straits	Haswell, 1882a.
<i>Microcryptus lambriformis</i> M-Ed., 1873	East of Babel Island; Bass Strait	Rathbun, 1923.
	East of Moncoeur Island	Miers, 1886.

Family DORIPPIDAE

<i>Cymonomops similis</i> Grant, 1905	Babel Island and Bass Strait	Rathbun, 1923.
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REFERENCES

- BAGE, F., 1938.—Austr. Antarct. Exp. 1911-14. *Sci. Rep. Ser. C.* II. 6. 1938, Crustacea Decapoda.
- BAKER, W. H., 1904.—Notes on South Australian Decapod Crustacea I. *Proc. Roy. Soc. S. Austr.* XXVIII. pp. 146-61.
- BALSS, H., 1935.—Brachyura of the Hamburg Museum Expedition to S.W. Australia. *J. Roy. Soc. W. Austr.* XXI. 1935, pp. 113-51.
- BATE, C. SPENCE, 1888.—Report on the Crustacea Macrura dredged by H.M.S. Challenger. *Scient. Repts. Zool.* 26. 1888.
- BELL, T., 1855.—Horae carcinologicae. I. Monograph of the Leucosiidae. *Trans. Linn. Soc.* XXI. 1855.
- CHILTON, C., 1883.—Further additions to our knowledge of the N.Z. Crustacea. *Trans. N.Z. Inst.* XV. 1883, pp. 69-86.
- , 1920.—Note on the occurrence in Tasmania of the fresh-water crab *Hymenosoma lacustris*. *Chilton. Pap. Roy. Soc. Tasm.* 1919 (1920), pp. 93-5.
- CLARK, E., 1936.—The Land and Freshwater Crayfishes of Australia. *Mem. Nat. Mus. Vict.* 10. 1936, pp. 5-58.
- , 1939.—Tasmanian Parastacidae. *Pap. Roy. Soc. Tasm.* 1938 (1939), pp. 117-27.
- DANA, J. D., 1852.—*Conspectus Crustaceorum.*
- ERICHSON, W. F., 1846.—Ubersicht der Arten der Gattung *Astacus*. *Archiv. für Naturg.* XII. 1846, pp. 86-103; 375-77.
- FABRICIUS, J. C., 1793.—*Ent. Syst. Tome 2.* 1793.
- FILHOL, H., 1885.—Observations relatives aux espèces du genre *Paramithrax*, vivant en Nouvelle Zélande. *Bull. Soc. Philom.* (7), IX. 1885, p. 26.
- FULTON, S. W. & GRANT, F. E., 1902.—Some little known Victorian Decapoda with descriptions of new species. *Proc. Roy. Soc. Vict.* XV. 1. 1902, pp. 59-68.
- GRANT, F. E., 1905.—Crustacea dredged off Port Jackson in deep water. *Proc. Linn. Soc. N.S.W.* XXX. 1880, pp. 312-34.
- GRAY, J., 1831.—*Zool. Miscell.* 1831.
- , 1845.—New species of the genus *Astacus*. *Eyre's Journ. Exped. Disc. Central. Austr.* I. pp. 407-11.
- GUILER, E. R., 1950a.—The Intertidal ecology of Tasmania. *Pap. Roy. Soc. Tasm.* 1949 (1950), pp. 135-201.
- , 1950b.—A preliminary description of *Fabia hickmani*, sp. nov. (Pinnotheridae). *Pap. Roy. Soc. Tasm.* 1949 (1950), pp. 67-72.
- , 1950c.—Notes on Tasmanian Marine sponges. *Rec. Queen Vict. Mus.* III. 2. pp. 5-14.
- , 1951a.—Notes on the ecology of the Freycinet Peninsula. *Pap. Roy. Soc. Tasm.* 1950 (1951), pp. 53-70.
- , 1951b.—The intertidal ecology of Pipe Clay Lagoon. *Pap. Roy. Soc. Tasm.* 1950 (1951), pp. 29-52.
- DE HAAN, W., 1835.—*Fauna Japon.* Crustacea.
- HALE, H. M., 1927.—*Crustacea of South Australia.* Part I.
- , 1941.—Brit. Austr. N.Z. Antarct. Res. Exp. Repts. Ser. B. IV. 9. Decapod Crustacea.
- HASWELL, W. A., 1880.—On the Australian Brachyura Oxyrhyncha. *Proc. Linn. Soc. N.S.W.* IV. 1880, pp. 431-58.
- , 1882a.—*Australian Stalk- and Sessile-eyed Crustacea.*
- , 1882b.—On some new Australian Brachyura. *Proc. Linn. Soc. N.S.W.* VI. 3. 1882, pp. 540-50.
- , 1882c.—Description of some new species of Australian Decapods. *Proc. Linn. Soc. N.S.W.* VI. 4. 1882, pp. 750-62.
- HELLER, C., 1868.—Reise der österreichischen Fregatte Novara. *Zool. Theil.* Bd. 2. Ab. 3. 1868.
- HENDERSON, J. R., 1888.—Report on the Crustacea Anomura collected by H.M.S. Challenger. *Sci. Rep.* XXVII.
- HESS, W., 1865.—*Archiv. f. Nat.* XXXI. 1865.
- HICKMAN, V. V., 1946.—Notes on the Tasmanian marine crayfish, *Jasus lalandii* (M-Ed.). *Pap. Roy. Soc. Tasm.* 1945 (1946), pp. 27-38.

- HUTTON, F. W., 1874.—Description of two new species of Crustacea from N.Z. *Trans. N.Z. Inst.* VII. 1874. pp. 279-80.
- JACQUINOT, M. H. & LUCAS, M. II., 1853.—*Voy. au Pole Sud.* III. Crustacea.
- KEMP, S., 1917.—Notes on the Crustacea Decapoda in the Indian Museum. *Rec. Ind. Mus.* 13. 5. 1917, pp. 293-306.
- LAMARCK, P., 1818.—*Hist. des an. s. vert.* Tome V.
- LATREILLE, P. A., 1806.—*Genera Crust. et Insect.* I. 1806.
- , 1825.—*Meth. hist. nat. Entom.* X. 1825.
- LEACH, W. E., 1817.—*Zool. Misc.* t. 2. 1817.
- LINNAEUS, 1766.—*Nat. Syst.* Tome I. Pt. 2.
- MCCULLOCH, A. R., 1913.—Studies in Australian Carcinology. No. 3. *Rec. Austr. Mus.* IX. 3. pp. 321-54.
- MCNEILL, F. A., 1926.—Studies in Australian Carcinology. No. 2. *Rec. Austr. Mus.* XV. 1. 1926, pp. 100-131.
- & WARD, M., 1930.—Carcinological Notes No. 1. *Rec. Austr. Mus.* XVII. 9. 1930, pp. 357-83.
- MIERS, E. J., 1876.—Description of some new species of crustacea, chiefly from N.Z. *Ann. Mag. Nat. Hist.* (4). XVII. pp. 218-29.
- , 1879.—On a collection of Crustacea from the Malaysian region. Pt. 1. *Ann. Mag. Hist.* (5). IV. XXVII. 1879, pp. 226-38.
- , 1884.—*Zoological collections of H.M.S. Alert*, pp. 178-326.
- , 1886.—Report on the Brachyura collected by H.M.S. Challenger. *Sci. Rep.* XVII. 1886.
- MILNE-EDWARDS, A., 1860.—*Ann. Sci. Nat.* 4. T. XIV. 1860.
- , 1873.—*J. des Mus. Godeffroy Bd.* 1. Heft. IV. 1873.
- MILNE-EDWARDS, H., 1830.—*Ann. Sci. Nat. Zool.* 19. 1830.
- , 1834.—*Hist. Nat. Crust.* I. 1834.
- , 1837.—*Hist. Nat. Crust.* II. 1837.
- , 1852.—*Ann. Sci. Nat.* 3. 18. Zool.
- , 1853.—*Ann. Sci. Nat.* 3. 22. Zool.
- NOBILI, M. G., 1905.—Diagnose préliminaire de 34 espèces et variétés nouvelles . . . de la Mer rouge. *Bull. Mus. Hist. Nat.* 6. 1905.
- OLIVIER, A. G., 1812.—*Encycl.* VIII.
- ORTMANN, A. E., 1874.—Zool. Forschungsr. Austral. u.d. Malay Arch. *Jena. Denkschr.* VIII.
- PENNANT, T., 1812.—*Brit. Zool.* IV.
- RATHBUN, M. J., 1918.—Rep. on the spider crabs collected by F.I.S. Endeavour. *Biol. Res.* V. I. 1918, pp. 5-29.
- , 1923.—Rept. on the crabs collected by F.I.S. Endeavour. *Biol. Res.* V. 3. 1923.
- RIEK, E. F., 1951.—The freshwater crayfish of Queensland. *Rec. Austr. Mus.* XXII. 4, pp. 368-88.
- SAVILLE-KENT, W., 1887.—Note on the occurrence of the Sydney crayfish on the coast of Tasmania. *Pap. Roy. Soc. Tasm.* 1886 (1887), pp. 116-7.
- SAY, T., 1818.—An account of the Crustacea of the United States. *J. Acad. Nat. Sci. Phil.* I. 1818.
- SCHMITT, W. L., 1926.—Rept. on the Crustacea Macrura collected by F.I.S. Endeavour. *Biol. Res.* V. 6. 1926.
- SMITH, G. W., 1909a.—*Naturalist in Tasmania*, Oxford.
- , 1909b.—Freshwater Crustacea of Tasmania. *Trans. Linn. Soc.* XI. 4. 1909, pp. 61-92.
- STEAD, D. G., 1905.—*Crustaceans, Ancient, Modern and Mythical*. Sydney, 1905.
- STEBBING, T. R. R., 1914.—Stalk-eyed Malacostraca of the Scot. Nat. Antart. Exp. *Trans. Roy. Soc. Edinb.* 50. 2. 1914, pp. 253-308.
- STIMPSON, W., 1858.—*Proc. Acad. Nat. Sci. Phil.* X. 1858.
- , 1860.—*Proc. Acad. Nat. Sci. Phil.* XII. 1860.
- STUDER, TH., 1882.—*Abhandl. k. Acad. Wiss. Berlin.* 2. 1882.
- THOMSON, G. M., 1893.—Notes on the Tasmanian Crustacea with descriptions of new species. *Pap. Roy. Soc. Tasm.* 1892 (1893), pp. 45-76.
- TWEEDIE, M. W. F., 1942.—The Grapsid and Ocypodid crabs of Tasmania. *Pap. Roy. Soc. Tasm.* 1941 (1942), pp. 13-26.
- WHITE, A., 1847.—Descriptions of little known Crustacea in the collection at the British Museum. *Proc. Zool. Soc.* 1847.
- WHITELEGGE, T., 1889.—List of the marine and fresh-water invertebrate fauna of Port Jackson and the neighbourhood. *Proc. Roy. Soc. N.S.W.* 23. 1889, pp. 163-296.

APPENDIX

The PYCNOGONIDA

Family PYCNOGONIDAE

Pynogonum aurilineatum Flynn, 1918 In echinoid spines Flynn, 1918
 at Port Arthur

Family NYMPHONIDAE

Nymphon tenuipes Bouvier, 1918 Off Maria Island Gordon, 1944.

Family AMMOTHEIDAE

Austrodecus glaciale Hodgson, 1927 Off Maria Island Gordon, 1944.

The last two records were described by Dr. Gordon as accidental.

REFERENCES

- BOUVIER, E. L., 1913.—Pycnogonides du 'Pourquoi pas'. *Deux Exp. Antarct. Fran.* (1908-10), 1913, pp. 1-169.
 FLYNN, T. T., 1918.—Two new Australian Pycnogonida. *Pap. Roy. Soc. Tasm.*, 1918, pp. 91-100.
 GORDON, I., 1944.—*Brit.-Austr. N.Z. Antarct. Res. Exp. Rept. Ser. B. V. I.* 1944.
 HODGSON, T. V., 1927.—Die Pycnogoniden der Deutschen Südpolar Expedition, 1901-3. *Deutsche S-polar Exp.* 19. Zool. pp. 393-58.